Fractured Niobrara Limestone (Silo Field Area)
50390261
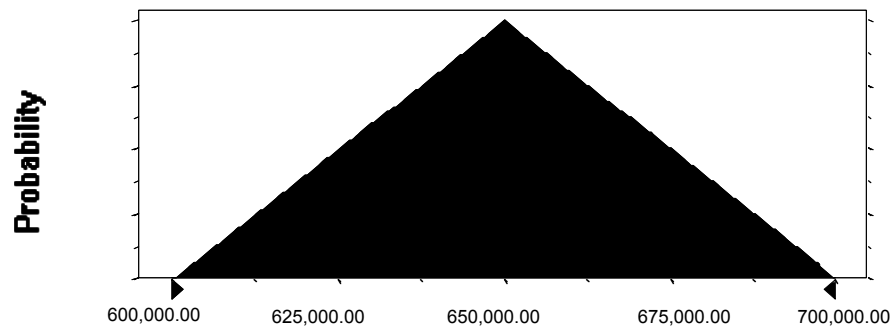
Geologic Probability = 1.0

Total Assessment-Unit Area (acres)

Triangular distribution with parameters:
Minimum	600,000.00
Median	650,000.00
Maximum	700,000.00

Selected range is from 600,000.00 to 700,000.00

Area per Cell of Untested Cells (acres)

Triangular distribution with parameters:
Minimum	10.00
Median	101.00
Maximum	320.00

Selected range is from 10.00 to 320.00
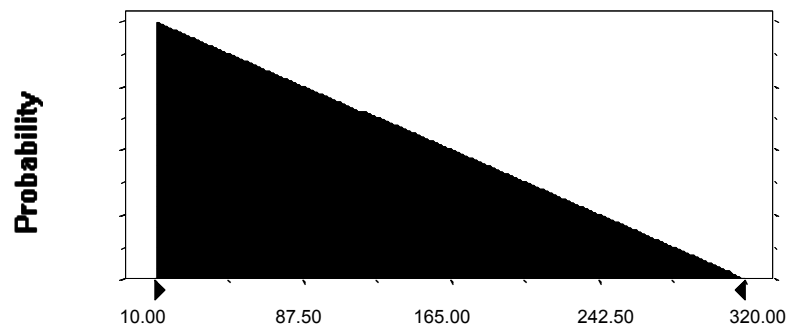
Percentage of Total Assessment-Unit Area That Is Untested

Triangular distribution with parameters:
Minimum	90.00
Median	95.00
Maximum	98.00

Selected range is from 90.00 to 98.00

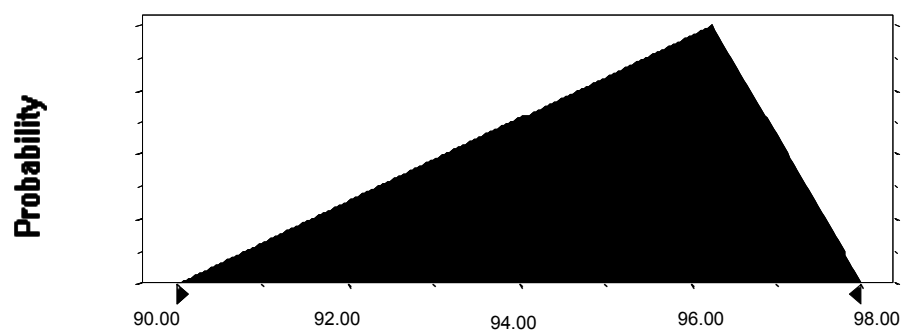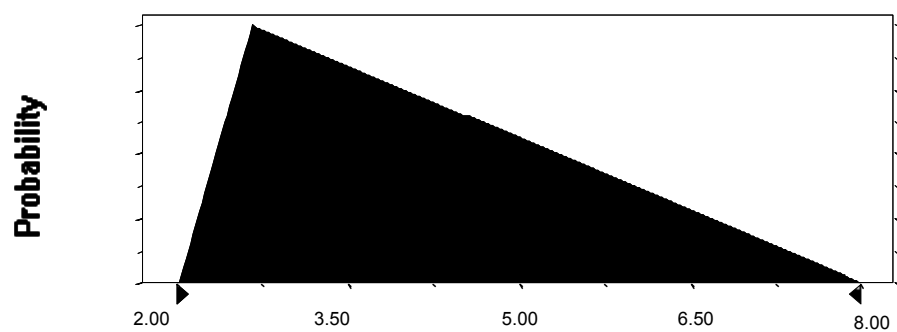**Percentage of Untested Assessment-Unit Area Having Potential**

Triangular distribution with parameters:
    Minimum   2.00
    Median   4.00
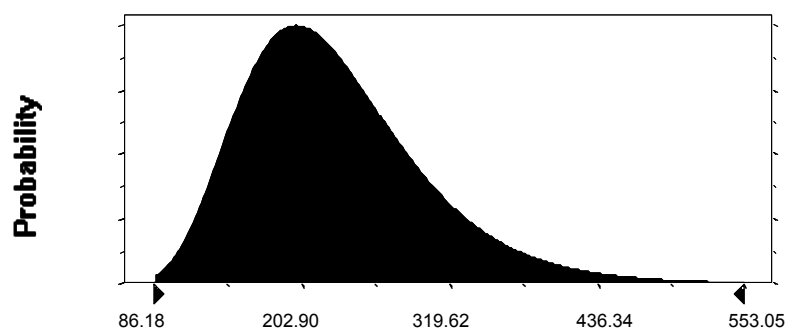   Maximum   8.00

Selected range is from 2.00 to 8.00

Number of Potential Untested Cells
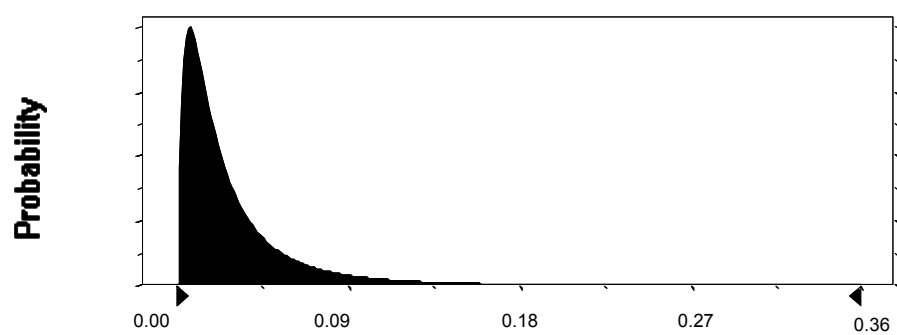
Lognormal distribution with parameters:
Mean	229.06
Standard Dev.	72.71

Selected range is from 0.00 to +Infinity

| 86.18 | 202.90 | 319.62 | 436.34 | 553.05 |

Total Recovery per Cell (MMBO)

Lognormal distribution with parameters:

Log Mean	-3.91
Log Std. Dev.	0.97
Minimum	0.002
Median	0.022
Maximum	0.40

Probability

| 0.00 | 0.09 | 0.18 | 0.27 | 0.36 |

Assumption: Gas/Oil Ratio (CFG/BO)

Triangular distribution with parameters:
Minimum	600.00
Median	1,030.00
Maximum	1,400.00

Selected range is from 600.00 to 1,400.00
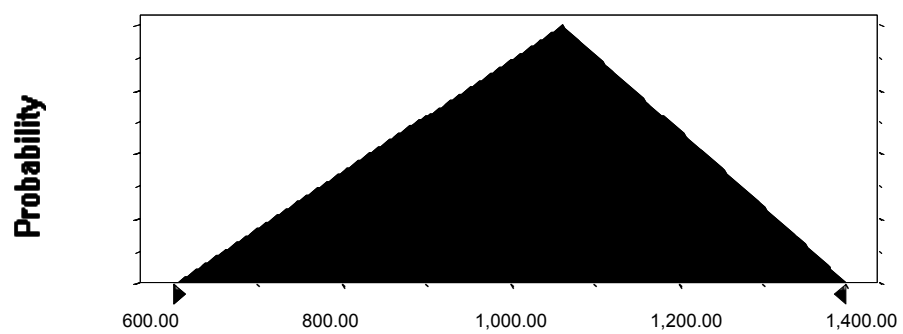
NGL/Gas Ratio (BNGL/MMCFG)

Triangular distribution with parameters:
Minimum	50.00
Median	100.00
Maximum	150.00

Selected range is from 50.00 to 150.00
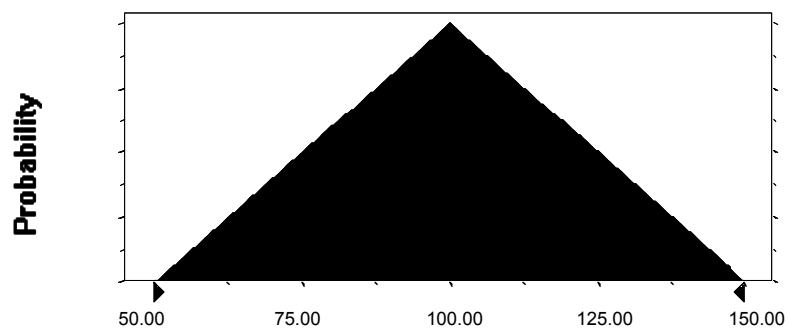
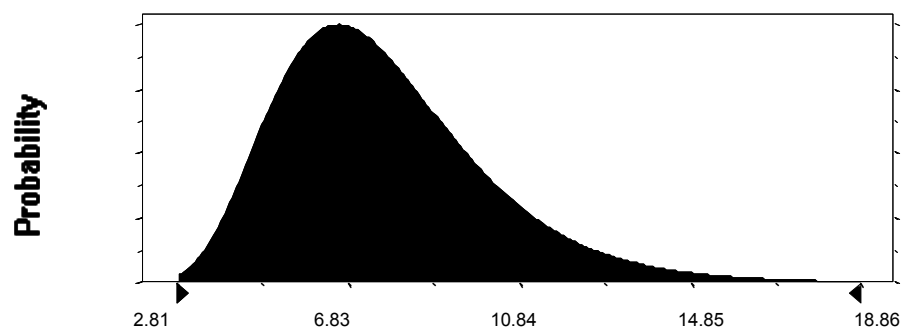**Oil in Oil Accumulations (MMBO)**

Lognormal distribution with parameters:
    Mean   7.66
    Standard Dev.   2.49
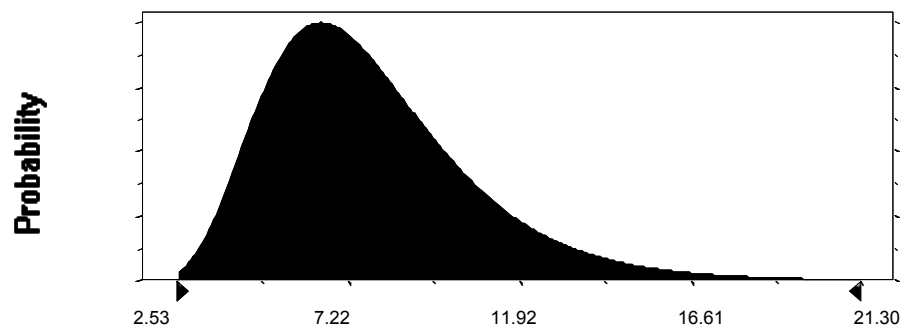
Selected range is from 0.00 to +Infinity

| 2.81 | 6.83 | 10.84 | 14.85 | 18.86 |

Gas in Oil Accumulations (BCFG)

Lognormal distribution with parameters:
    Mean   7.82
    Standard Dev.   2.87

Selected range is from 0.00 to +Infinity

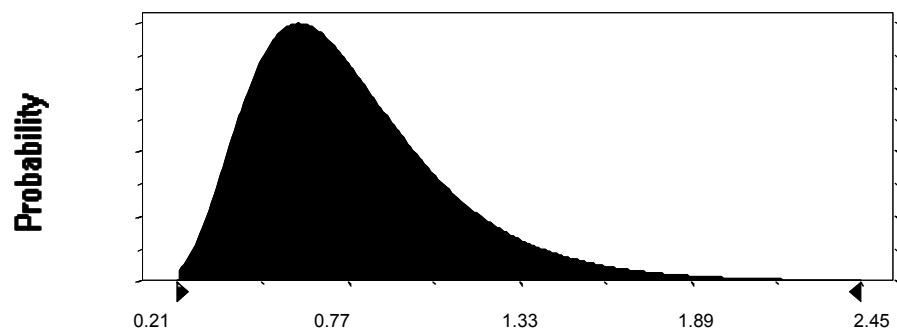| 2.53 | 7.22 | 11.92 | 16.61 | 21.30 |

NGL in Oil Accumulations (MMBNGL)

Lognormal distribution with parameters:
  Mean   0.78
  Standard Dev.   0.33

Selected range is from 0.00 to +Infinity

| 0.21 | 0.77 | 1.33 | 1.89 | 2.45 |

End of Assumptions